

FIG.1

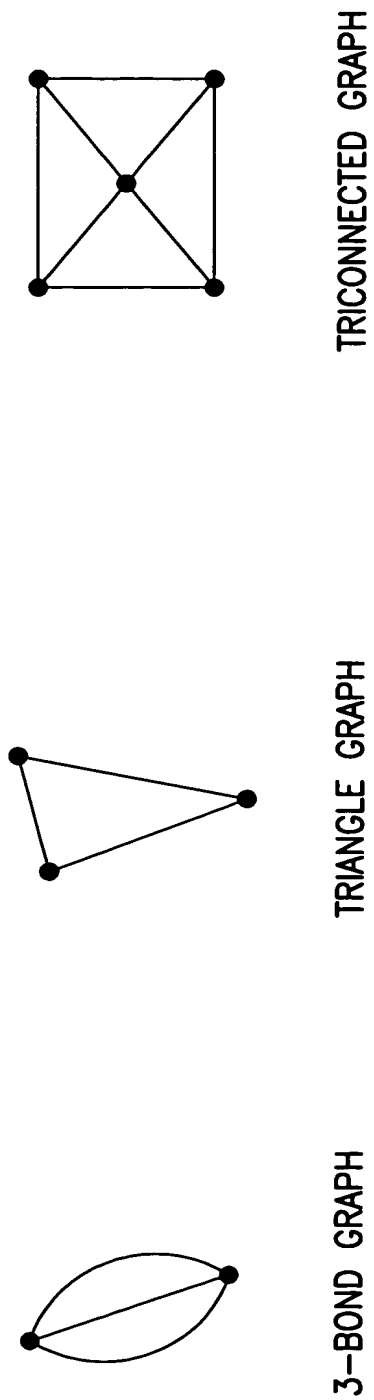


FIG.2

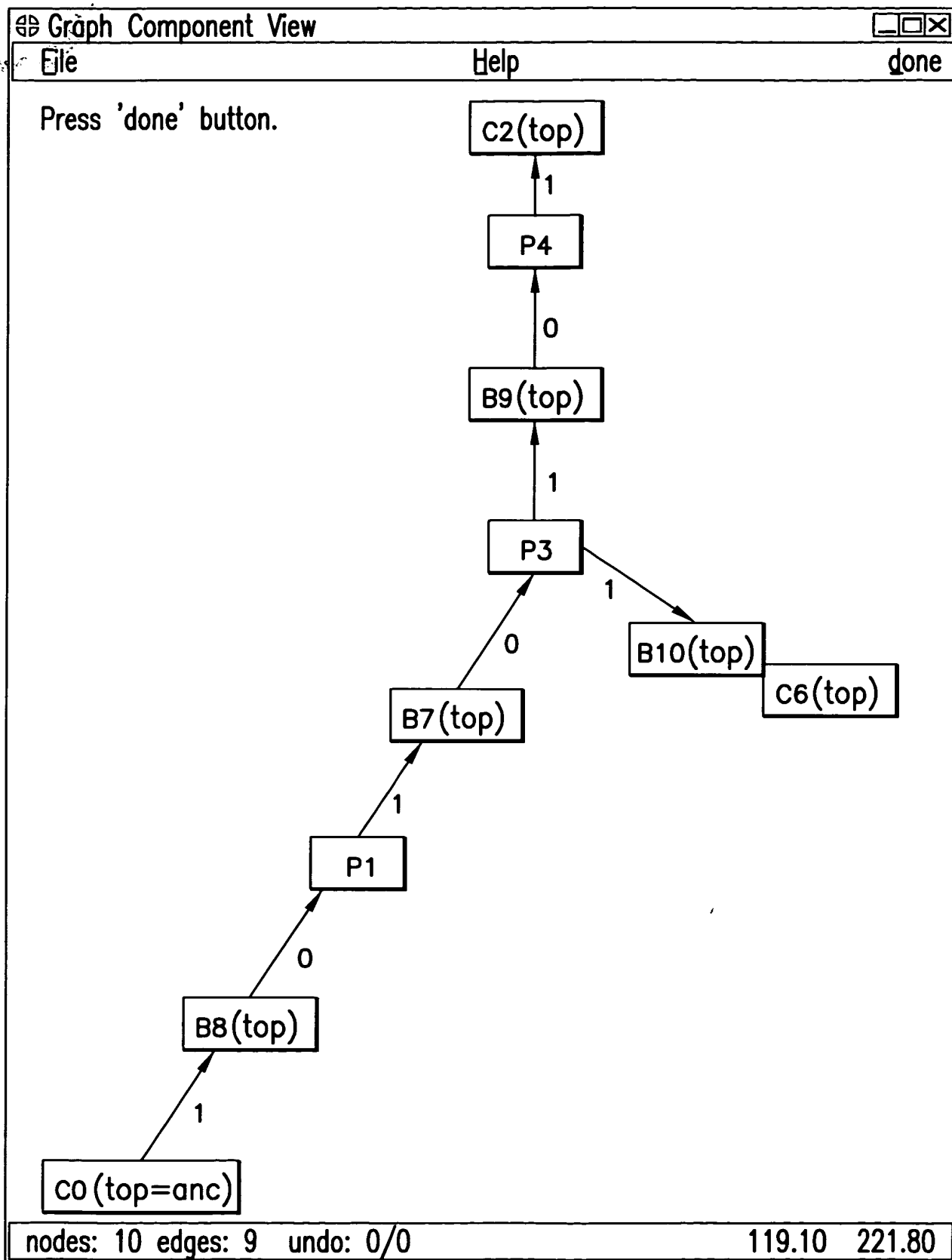


FIG.3

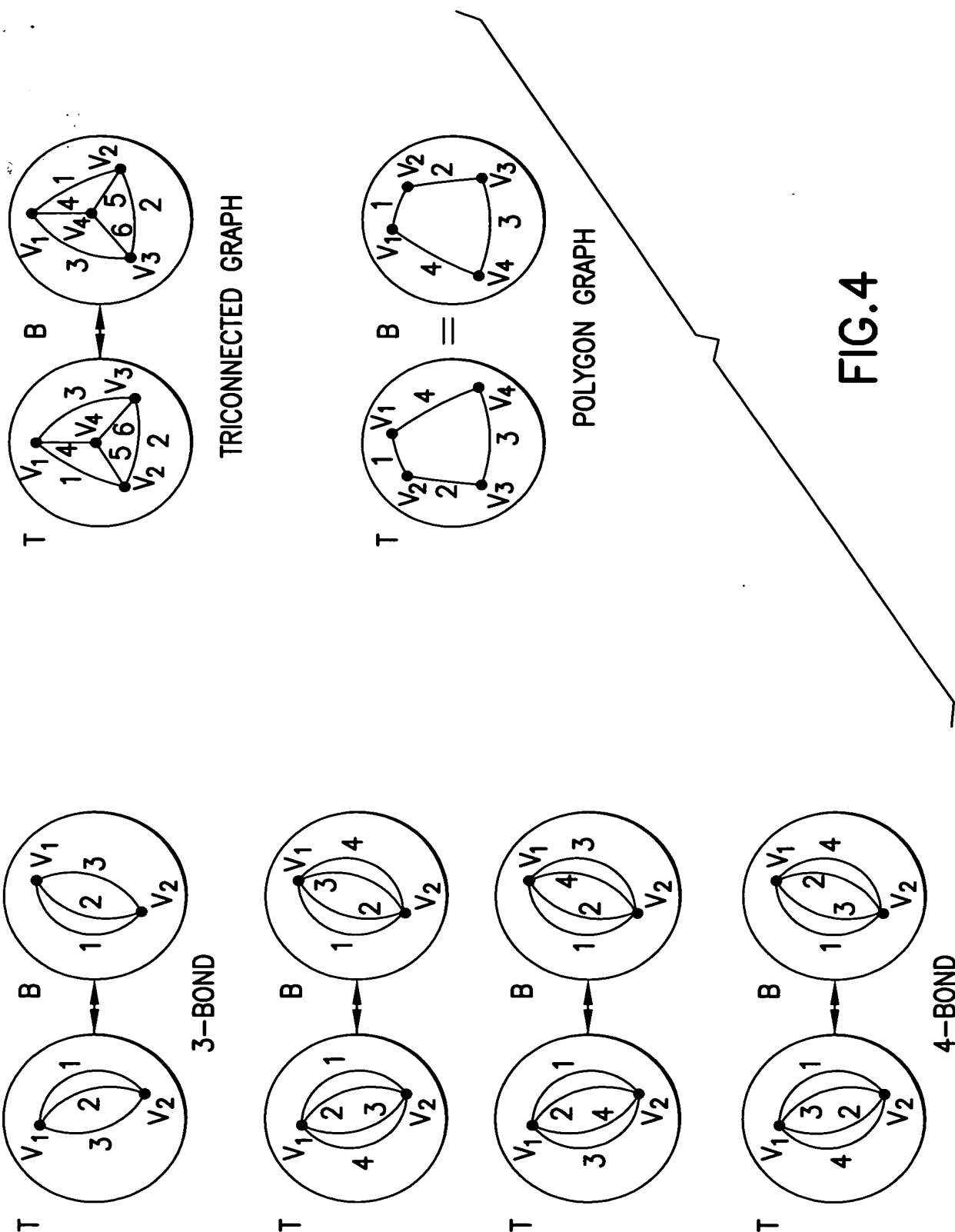
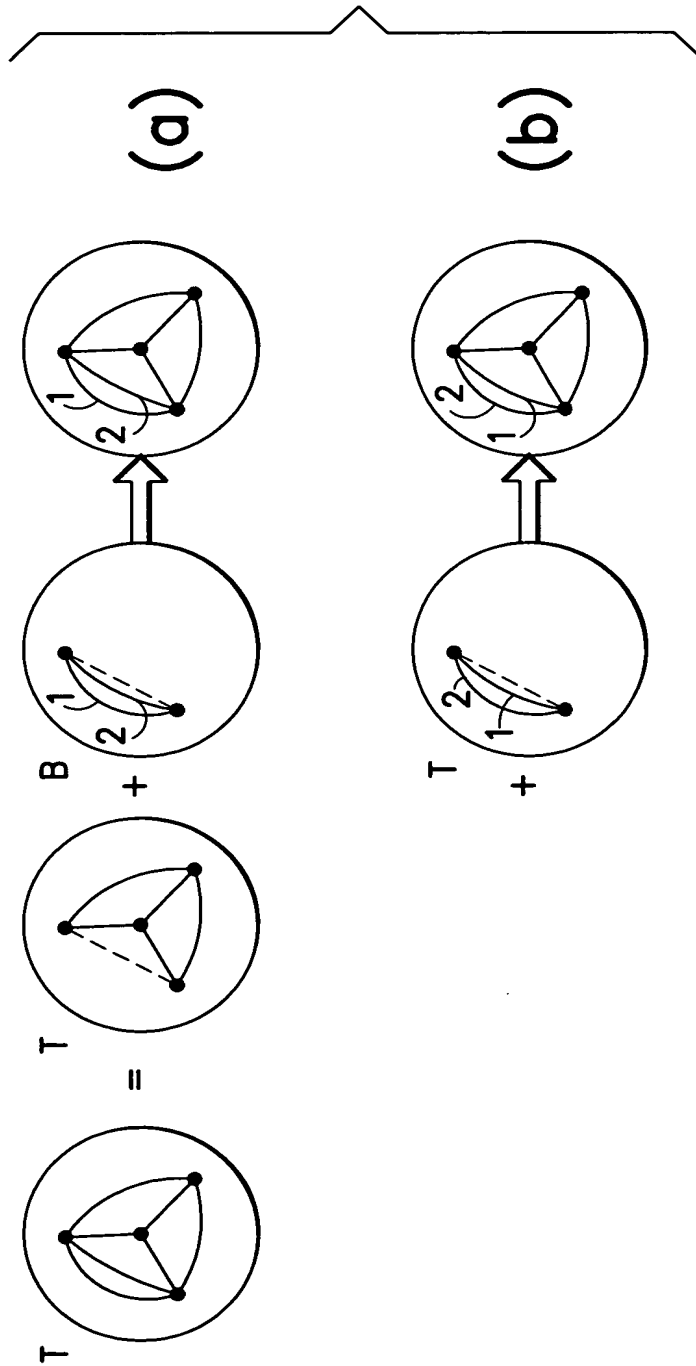


FIG.5



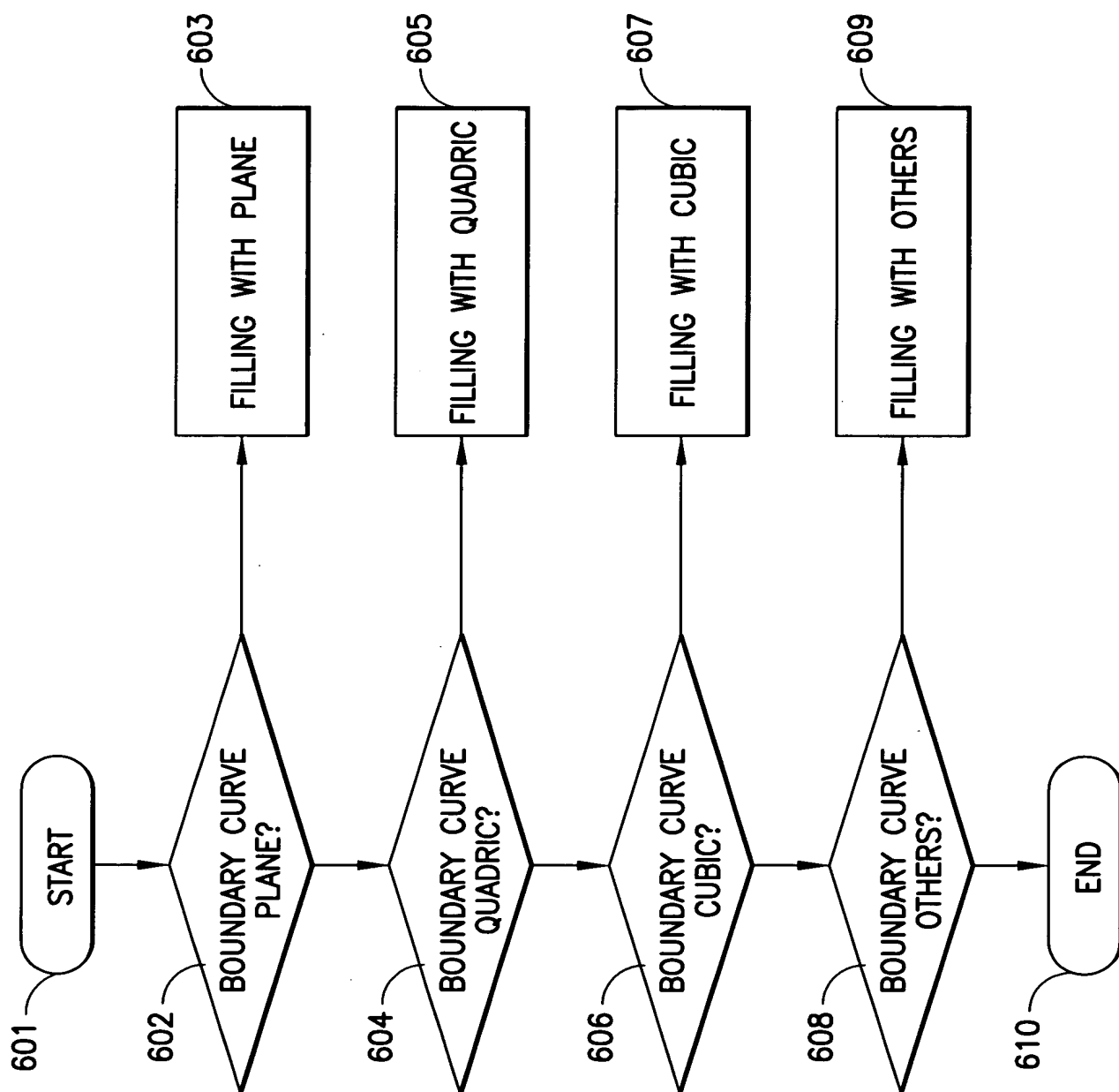


FIG. 6

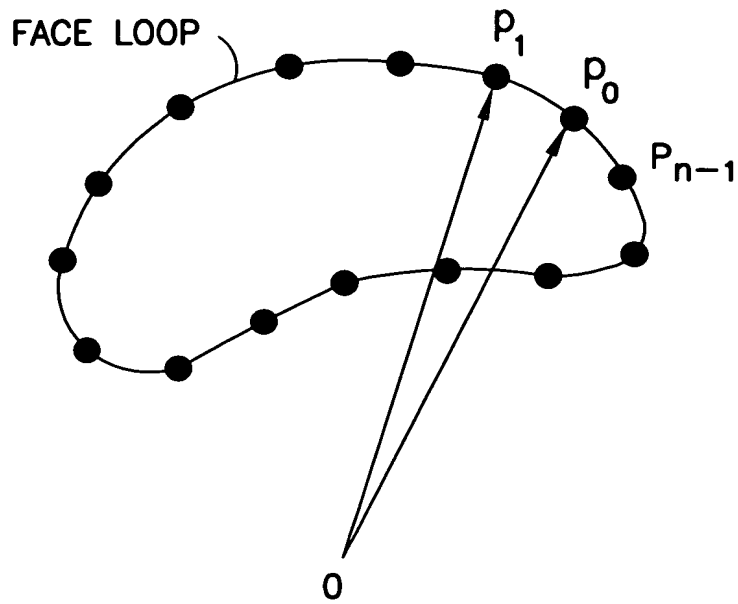


FIG.7

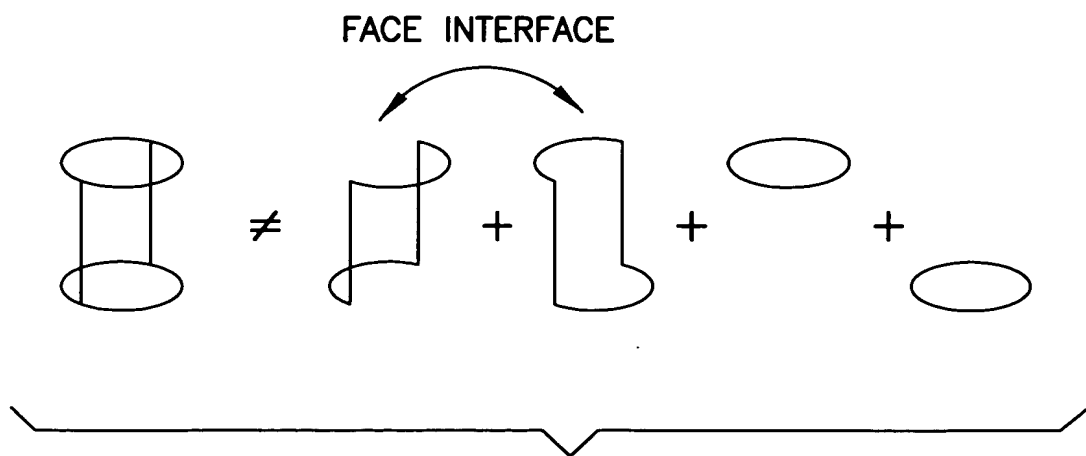
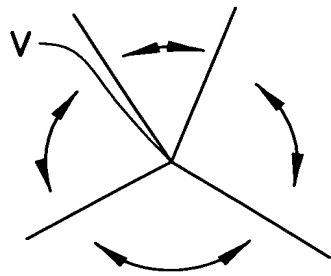
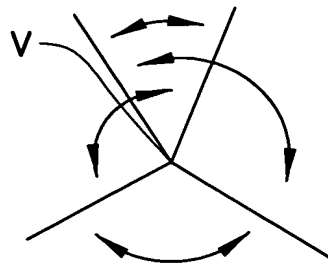


FIG.8



(a)



(b)

FIG.9


```

Queue = empty;
forall (embeddings) {
  Score = 0;
  forall (loops) {
    Evaluate the loop;
    If (acceptable) Accumulate the evaluated value to Score;
    else
      goto next_embed;
  }
  forall (vertices) {
    Evaluate the combination of loops around v;
    If (acceptable) Accumulate the evaluated value to Score;
    else
      goto next_embed;
  }
  forall (edges) {
    Evaluate a pair of loops;
    If (acceptable) Accumulate the evaluated value to Score;
    else
      goto next_embed;
  }
  Register in Queue the pair of the embedding and computed Score;
  next_embed;
}
if (Queue is not empty) {
  Sort the Queue based on Scores;
}

```

FIG.10

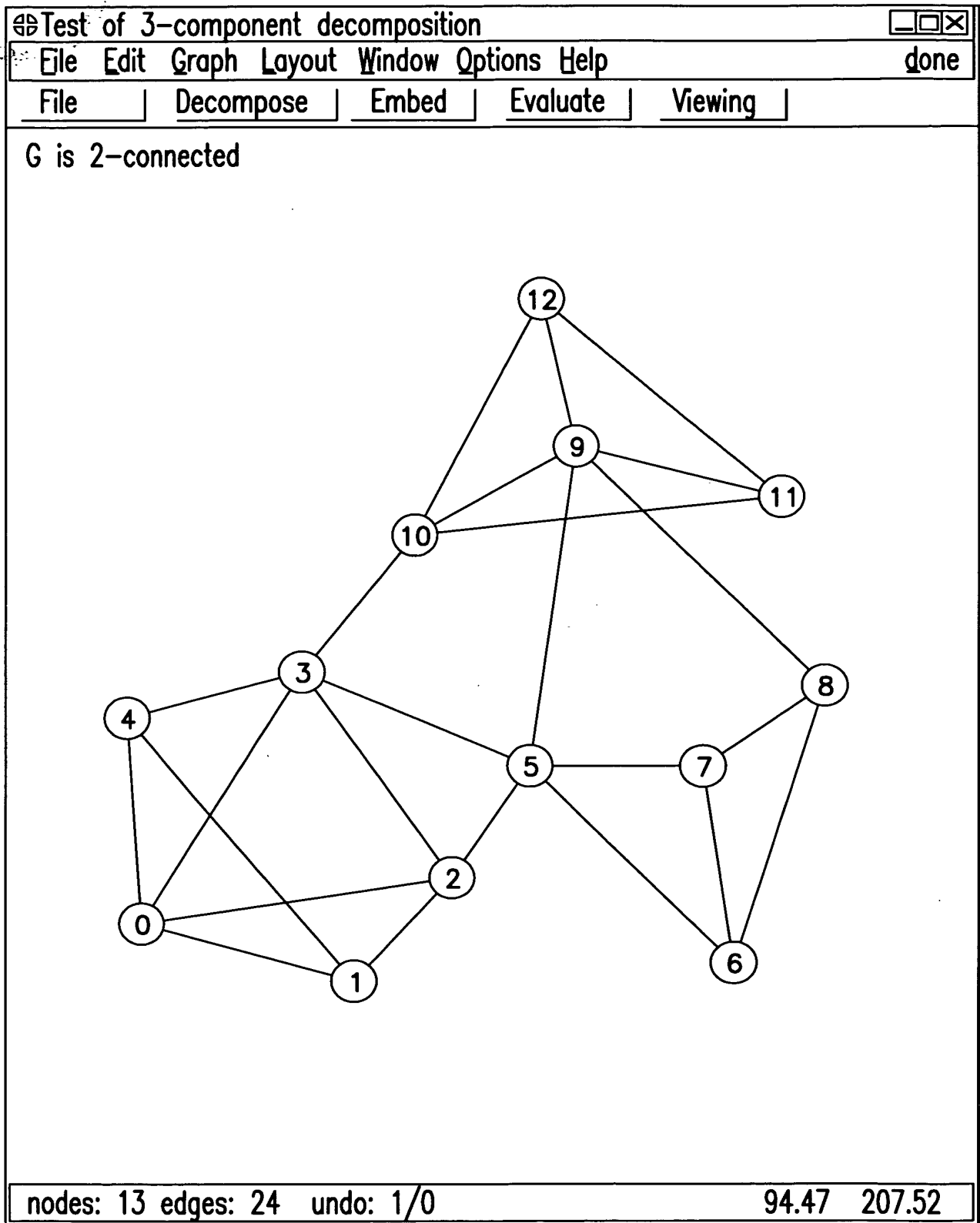


FIG.11

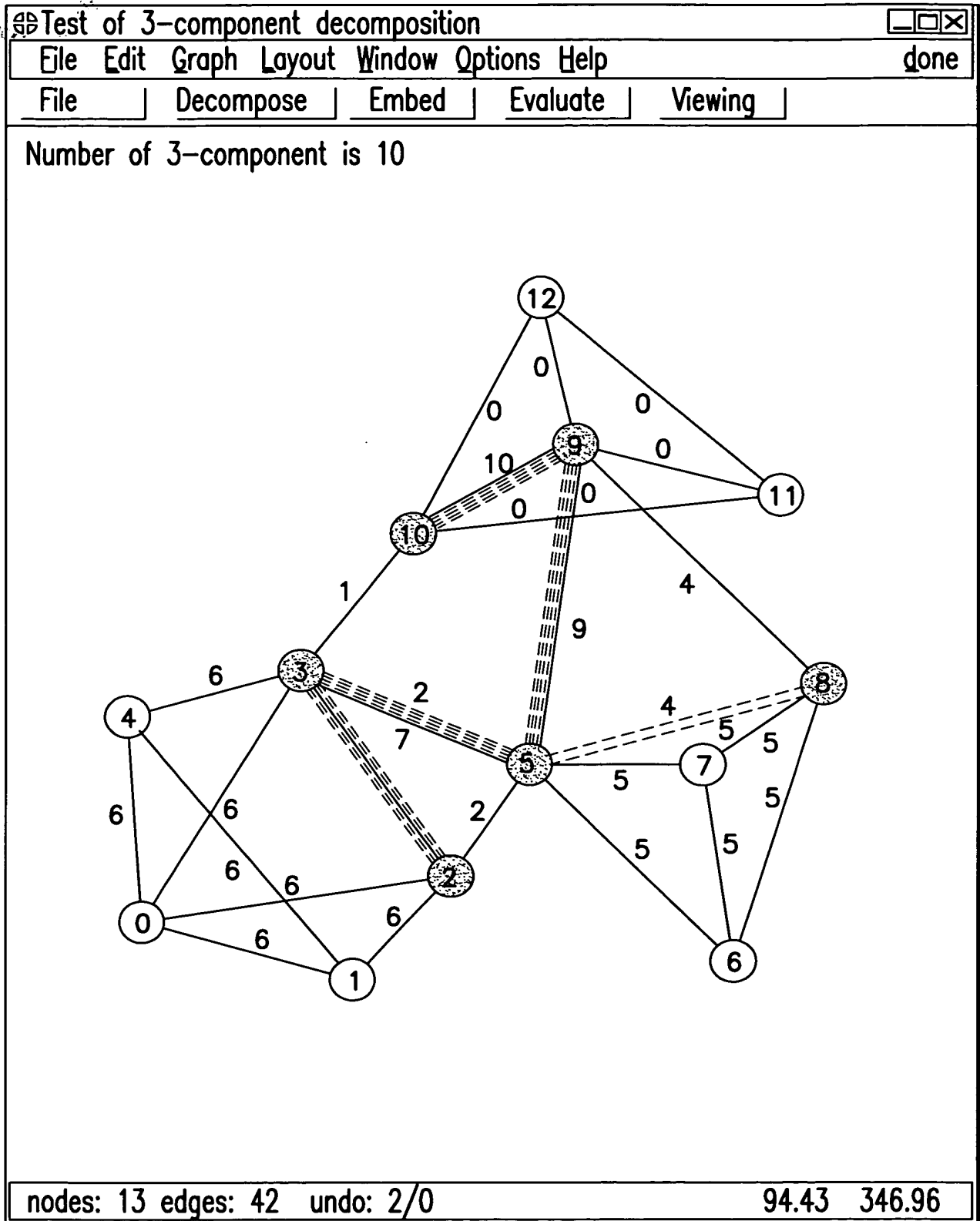


FIG.12

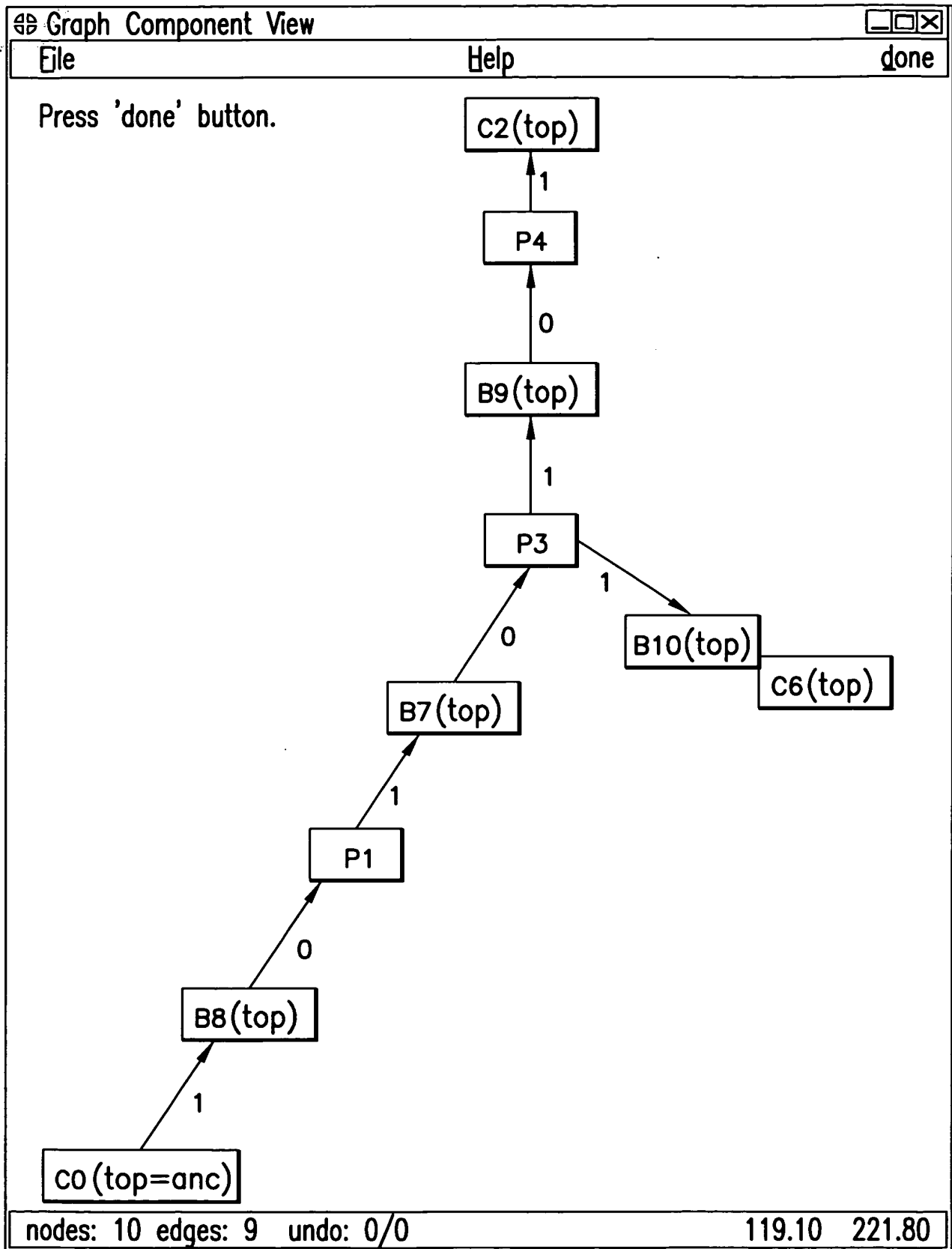


FIG.13

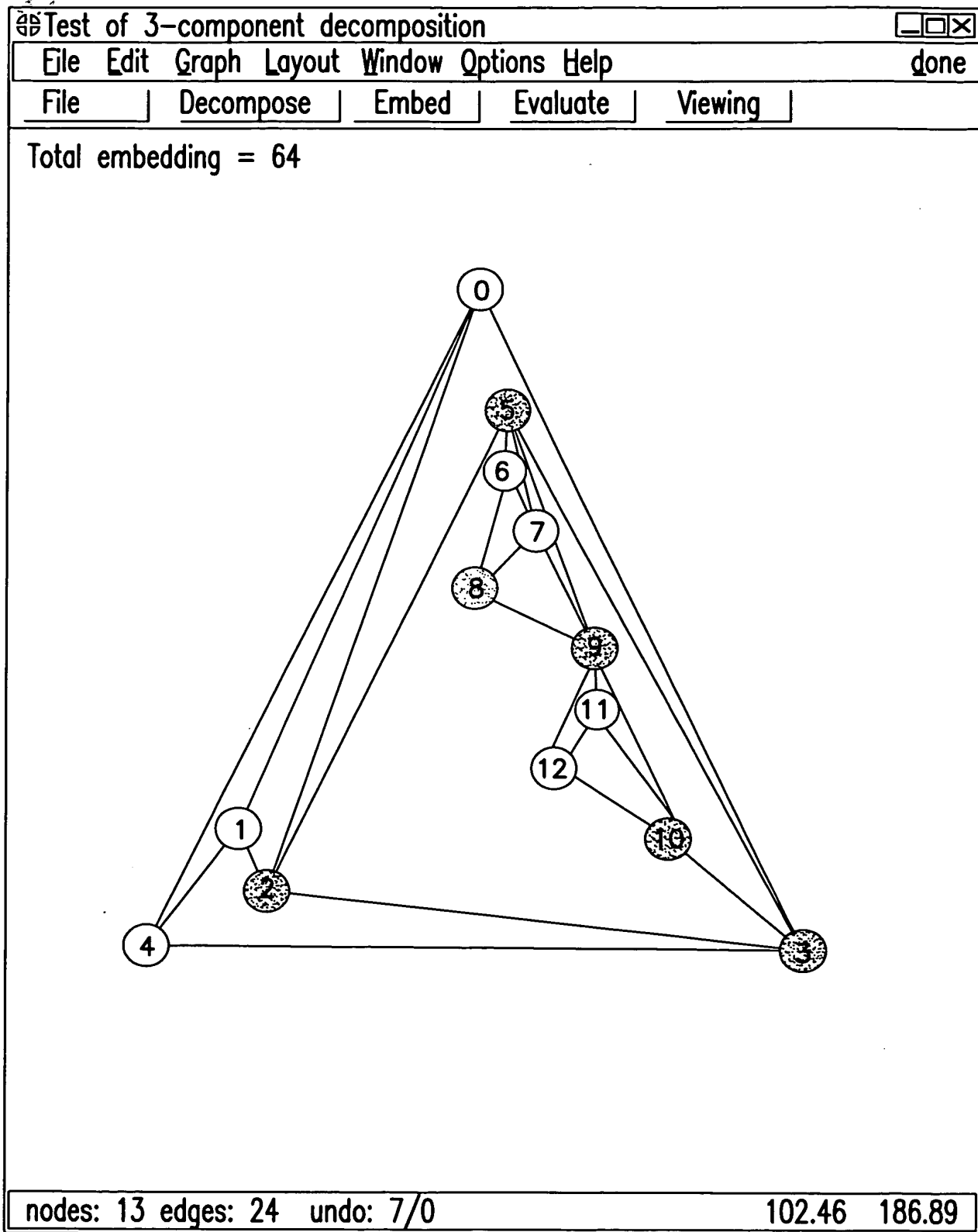


FIG.14

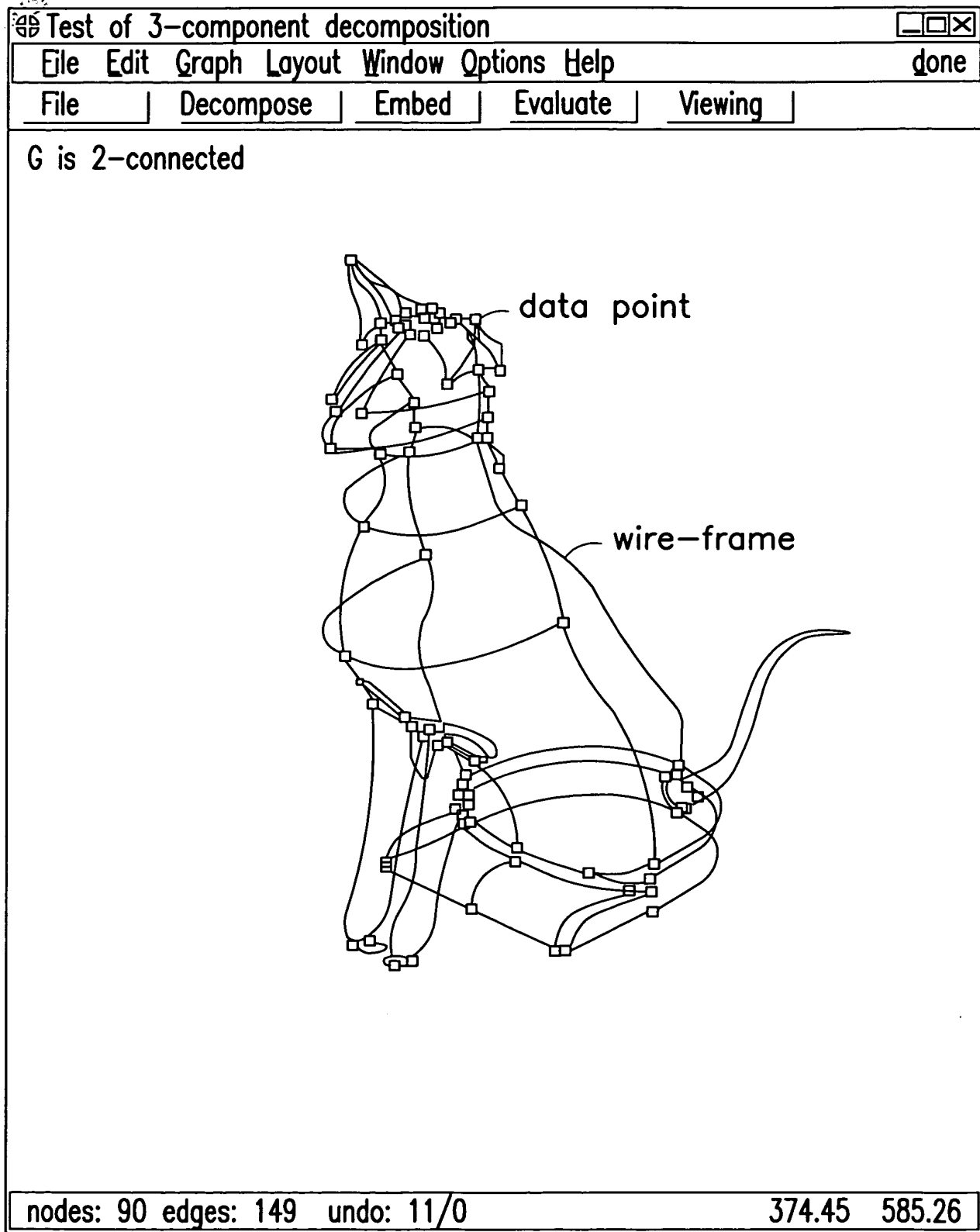


FIG.15

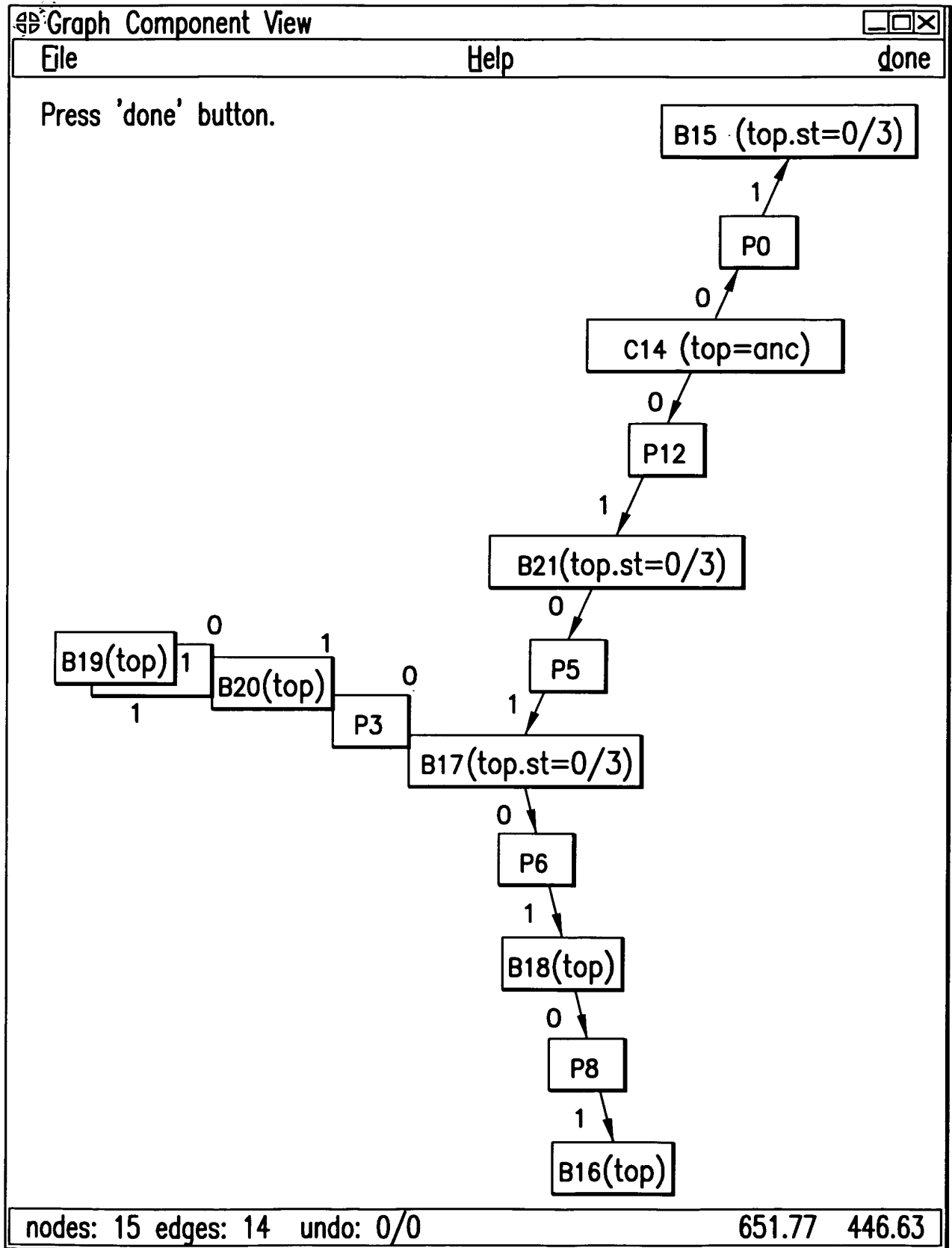


FIG.16

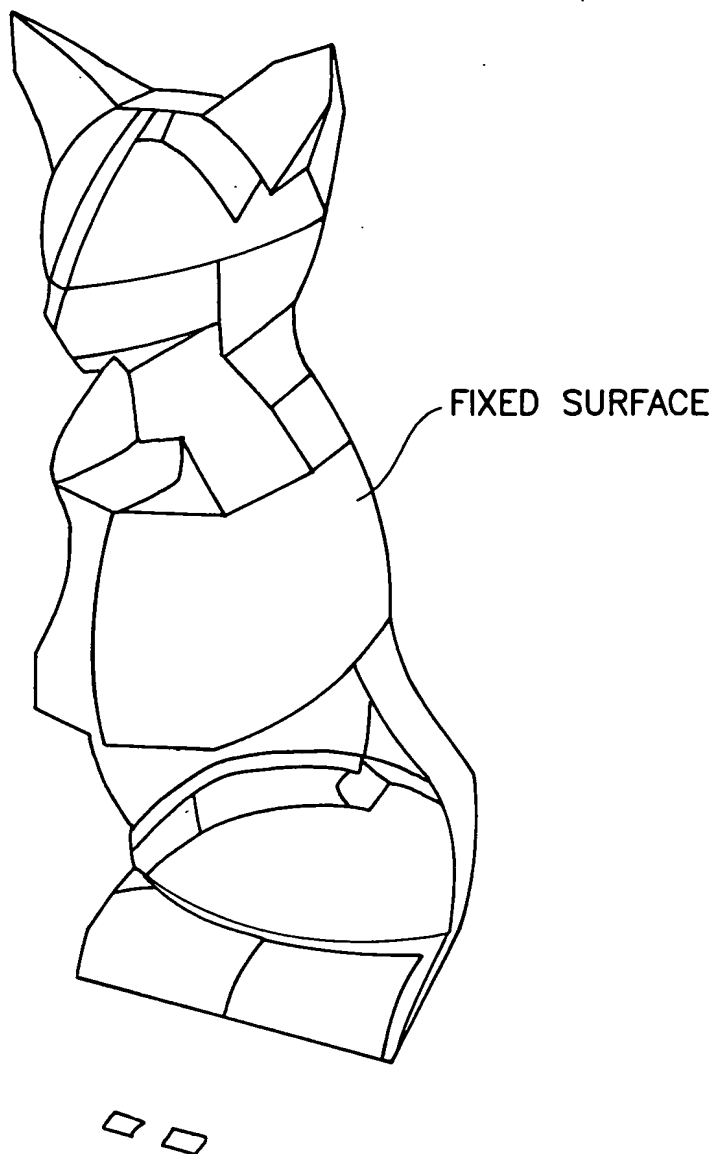


FIG.17

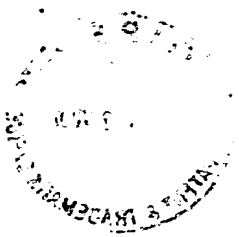


FIG.18

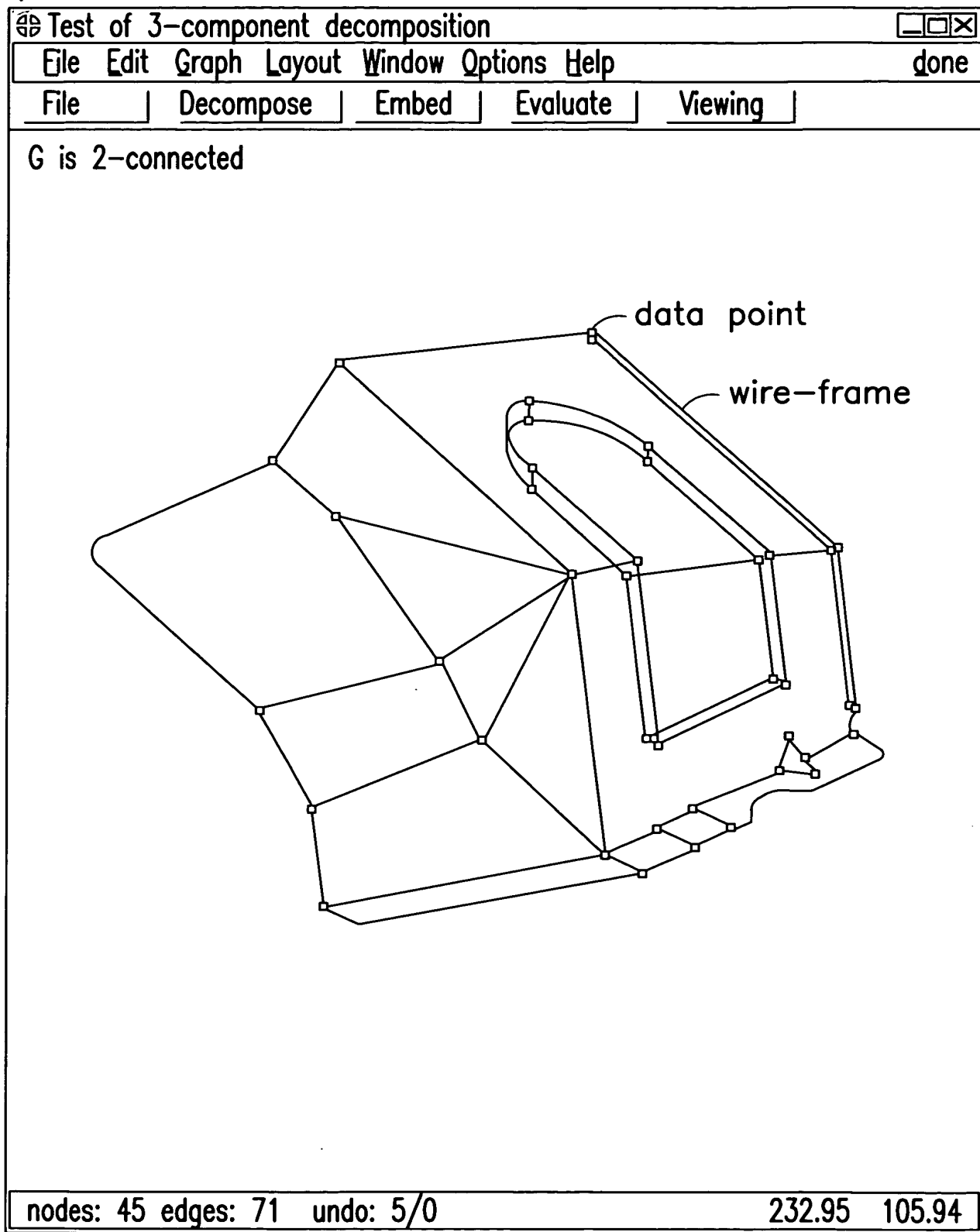


FIG.19

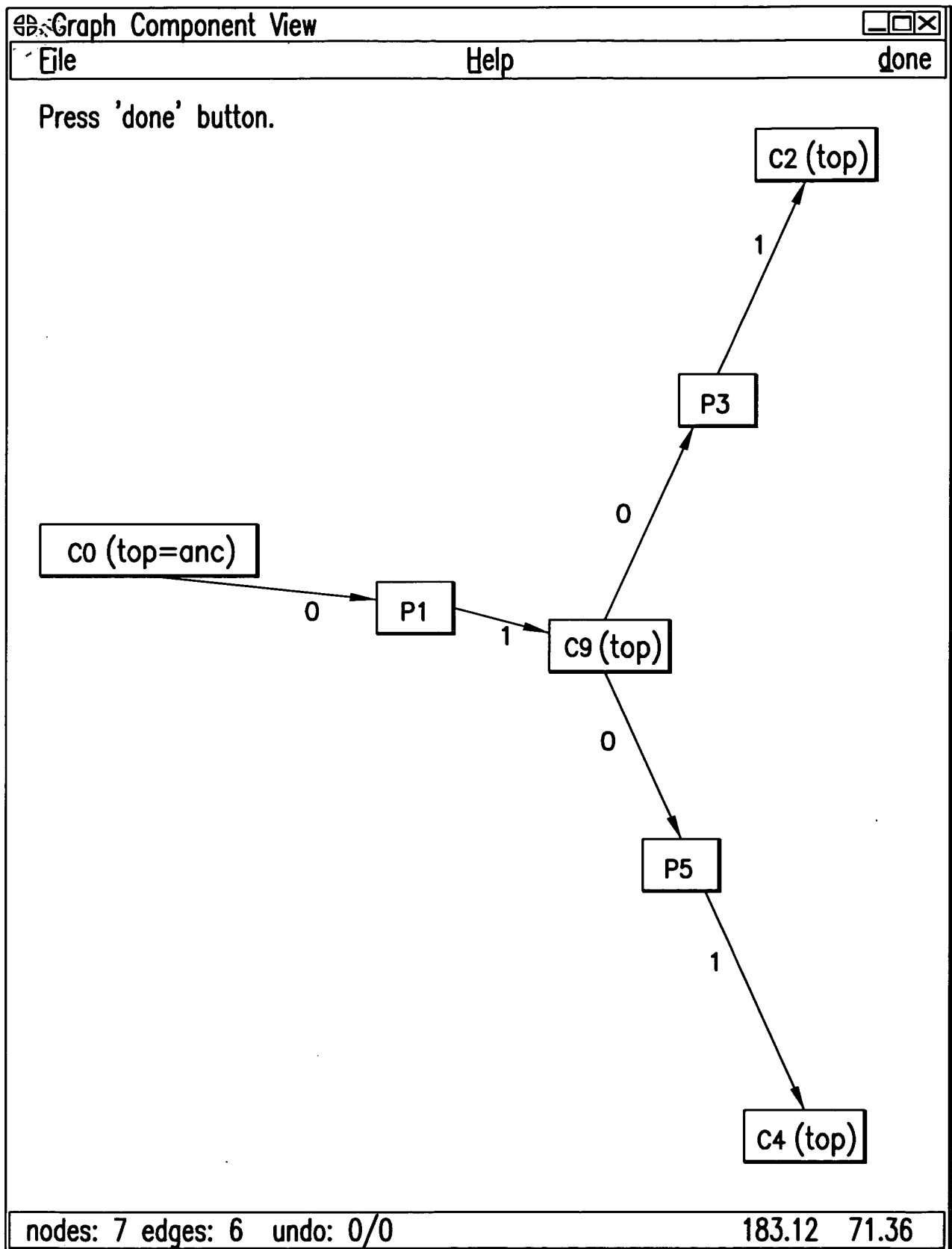
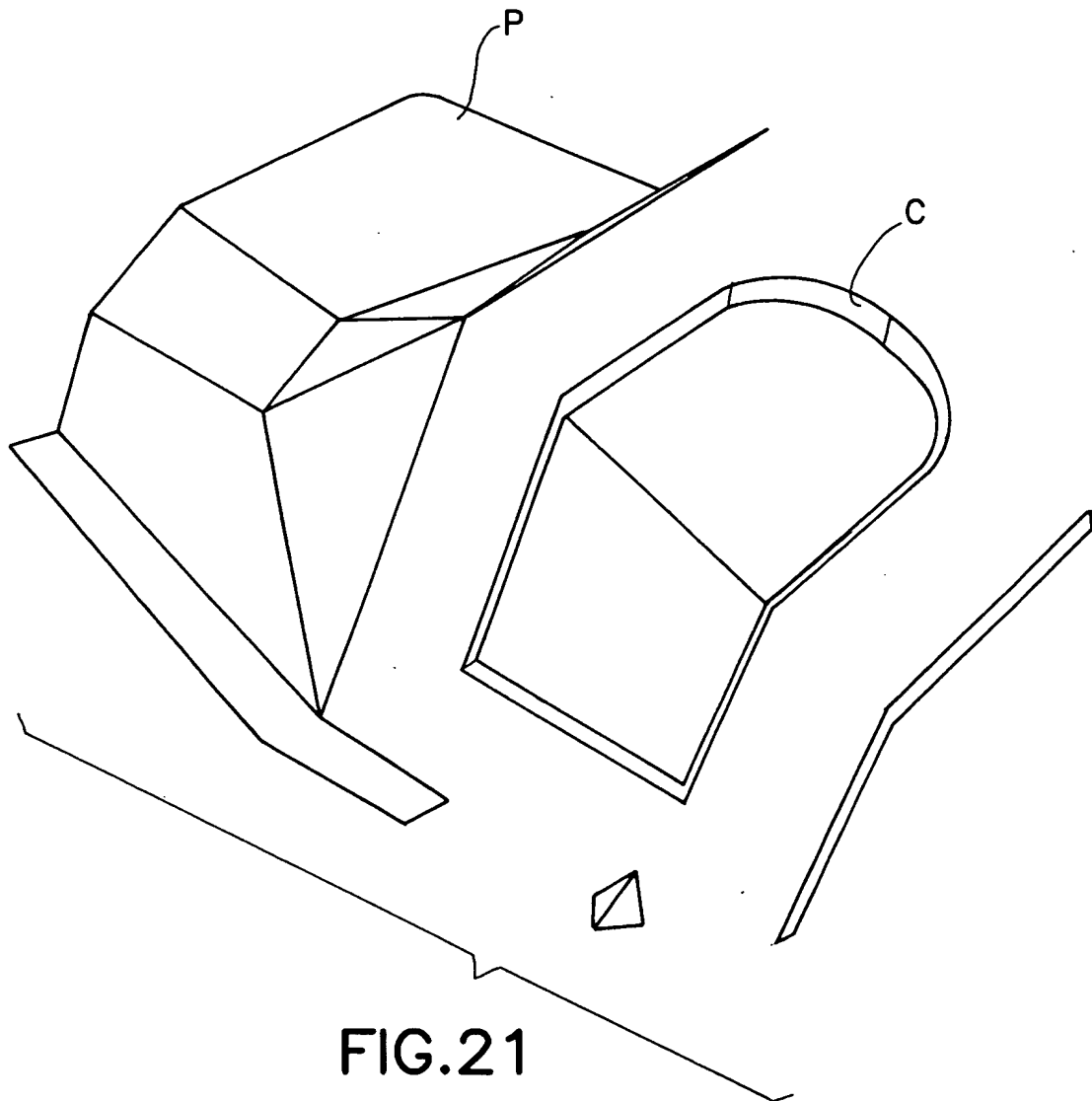


FIG.20



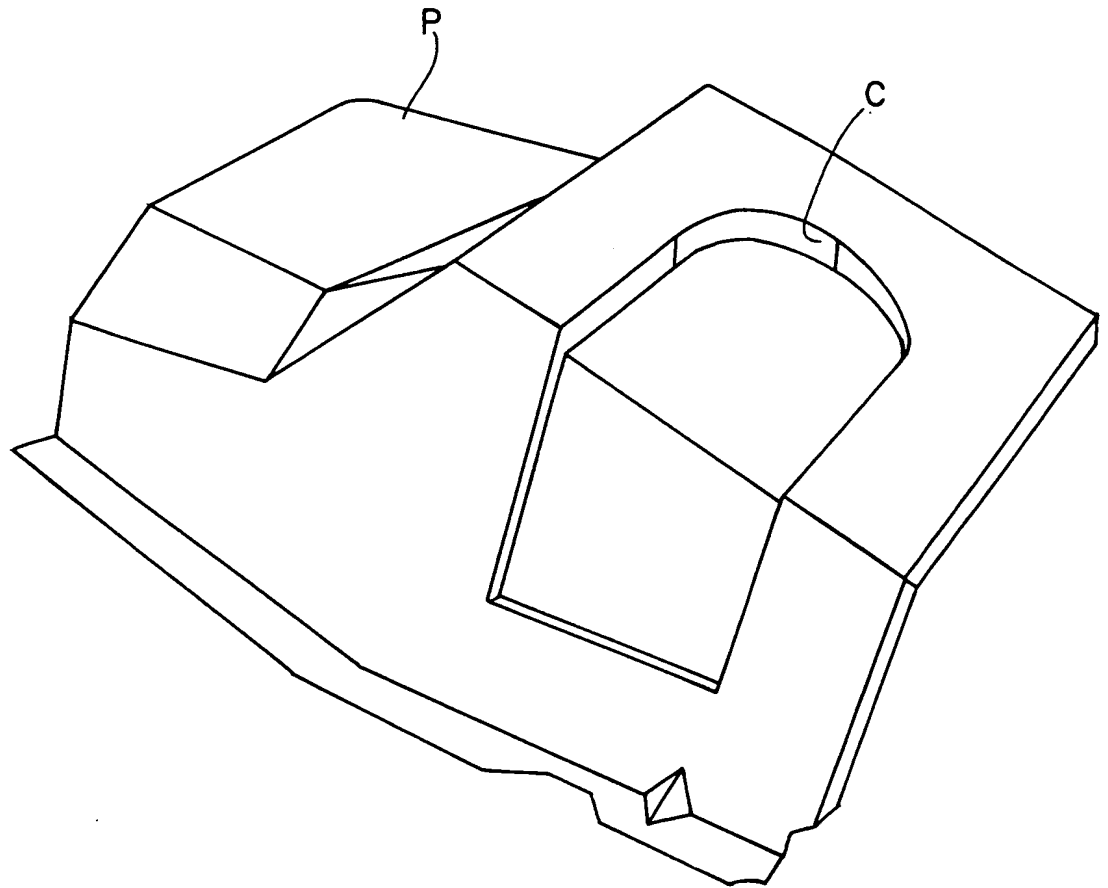


FIG.22